



QT2828T

Product Features

- ▲ Built-in non-contact high-precision thermal imaging module + live detection in one
- ▲ Temperature detection range 35℃~42℃ , Precision±0.3℃
- ▲ Support human body temperature overlay、picture overlay
- ▲ Support body temperature detection
- ▲ Supports mask detection
- ▲ Built-in FACE ++ deep learning face recognition algorithm, Stable and reliable
- ▲ Support 50,000 face database
- ▲ 8 inch HD LCD display
- ▲ Local alarm output after abnormal temperature
- ▲ Face recognition, temperature detection, and mask recognition, Freely configure multiple usage modes

- ▲ Ultra-thin metal shell
- ▲ Can record identification information and temperature information, save traceability
- ▲ Excellent environmental adaptability, adapt to low light and strong backlight, support automatic face exposure
- ▲ Support Wigan protocol, can directly drive access control and control various gates
- ▲ Rich hardware interface, integrated 100M Ethernet interface, audio interface, Wiegand interface,
- ▲ Support 2D, 3D digital noise reduction
- ▲ Low power consumption, main board power consumption is as low as 5 watts
- ▲ Support the secondary development of device-side application software
- ▲ Support various software and hardware customize.

Parameters

Model	2MP Face recognize+temperature detection 8inch smart camera
Display	8inch LCD
Therma	
Sensor	Thermal imaging infrared temperature sensor
Temperature	Range: 35~42℃ , Precision: ±0.3℃
Detect distance	0.4m~0.7m
Visible parameters	
Lens	focal length 1.8mm, Field of View: 118°
Mini illum	0.005Lux@F1.2 color mode
Dynamic Range	≥120dB
S/N Ratio	≥46dB (AGC OFF)

Visible parameters	
Exposure mode	focal length 1.8mm, Field of View: 118°
Mini illum	0.005Lux@F1.2 color mode
Dynamic Range	≥120dB
S/N Ratio	≥46dB (AGC OFF)
Exposure mode	Program mode (customizable shutter interval), shutter mode (1/5 - 1/20,000s) support for slow shutter
White balance	Auto, indoor, outdoor, sodium lamp mode, manual
Digital noise reduction	Support DNR,3DNR
Day and night mode	Fixed color
Image and compression	
Video compression	H.265 Main Profile / H.264 High profile / M-JPEG
Max resolution	1920x1080@30fps
Resolution	Main stream: 1920x1080、1280x960、1280x720、720x576
	Substream: 640x480、352x288、320x240、176x144
	MJPEG: 1920x1080、1280x720、closed
Output bit rate	(CBR or VBR), Bitstream setting range: 32Kbps~10Mbps
Audio compression	G711, PCM
Character overlay	Support channel name, date and time overlay, adjustable overlay position
AI	
Number of face bases	50,000 sheets
Recognition speed	50,000 sheets
Live detection	support
Mask detection	support
Body temperature	support
Interface	
Power	DC12V
Wiegand	1ch Wiegand output interface
Switch	1ch relay output
SD card	Up to 128G
MIC	Built-in
Audio	Built-in 2ch audio output
Physical Characteristic	
Working Humidity	0%-90% RH
Operating temperature	-10°C ~50°C
Power Consumption	5W
Size	215x125x20mm
Weight	< 1kg

Use showcase

